

# EAST Search History

5/9/06  
09/738,766  
Andrea Valenti

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	(47/59S).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 14:25
L2	3650	((47/73) or (47/32) or (47/65) or (47/66.6) or (47/58.1) or (47/62R) or (47/75-78) or (47/9)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 14:14
L3	206	L2 and @pd>"20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 14:41
L4	0	"hollow cell" and "heat" and "thermal" and "fibers" and "tree" and "seedling"	US-PGPUB	OR	OFF	2006/05/09 14:15
L5	27	"cell" and "heat" and "thermal" and "fibers" and "tree" and "seedling"	US-PGPUB	OR	OFF	2006/05/09 14:15
L6	62	L3 and "heat"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 14:47
L7	639	((47/66.7) or (47/65.7) or (47/58.1sc) or (47/dig.10)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 14:47
L8	156	L7 and "heat"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 14:47
L9	91	L7 and "seedling"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 14:53
L10	50	L7 and "plug"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 14:48

## EAST Search History

L11	74	L9 not L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 15:00
L12	125	L8 not L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 15:01
L13	125	L12 and "heat"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 15:01
L14	111	L13 not L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/09 15:01

PLUS Search Results for S/N 09738766, Searched May 09, 2006

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09738766 on May 09, 2006

Original Classifications

2 428/212  
2 428/215  
2 428/216  
2 428/34.9

Cross-Reference Classifications

5 428/913  
4 174/DIG 8  
4 428/349  
3 428/483  
3 428/516  
3 428/522  
2 156/86  
2 264/211.12  
2 427/393.5  
2 428/336  
2 428/34.9  
2 428/344  
2 428/416  
2 428/500  
2 428/518  
2 428/910  
2 428/914

Combined Classifications

5 428/349  
5 428/913  
4 174/DIG 8  
4 428/34.9  
3 428/212  
3 428/215  
3 428/483  
3 428/516  
3 428/522  
2 118/724  
2 156/86  
2 264/103  
2 264/211.12  
2 264/342R  
2 266/252  
2 427/393.5  
2 428/216  
2 428/336  
2 428/344  
2 428/416  
2 428/500  
2 428/518  
2 428/910  
2 428/914

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09738766 on May 09, 2006

- 5 428/349 (1 OR, 4 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED  
ELEMENT OR COMPONENT  
428/343 .Adhesive outermost layer  
428/346 ..Heat or solvent activated or sealable  
428/347 ...Heat sealable  
428/349 ....Synthetic resin or polymer
- 5 428/913 (0 OR, 5 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/913 MATERIAL DESIGNED TO BE RESPONSIVE TO  
TEMPERATURE, LIGHT, MOISTURE, ETC.
- 4 174/DIG 8 (0 OR, 4 XR)  
Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS  
174/DIG 8 SHRINKABLE TUBES, ETC.
- 4 428/34.9 (2 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/34.1 HOLLOW OR CONTAINER TYPE ARTICLE (E.G., TUBE,  
VASE, ETC.)  
428/34.9 .shrinkable or shrunk (e.g., due to heat,  
solvent, volatile agent, restraint removal, etc.)
- 3 428/212 (2 OR, 1 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,  
OVERALL DIMENSION, ETC.)  
428/212 .Including components having same physical  
characteristic in differing degree
- 3 428/215 (2 OR, 1 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,  
OVERALL DIMENSION, ETC.)  
428/212 .Including components having same physical  
characteristic in differing degree  
428/213 ..Thickness (relative or absolute)  
428/215 ...Absolute thicknesses specified
- 3 428/483 (0 OR, 3 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
428/480 .of polyester (e.g., alkyd, etc.)  
428/483 ..Next to addition polymer from unsaturated  
monomers
- 3 428/516 (0 OR, 3 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
428/500 .of addition polymer from unsaturated monomers  
428/515 ..Next to second addition polymer from  
unsaturated monomers  
428/516 ...Monoolefin polymer
- 3 428/522 (0 OR, 3 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
 428/500 .Of addition polymer from unsaturated monomers  
 428/522 ..Ester, halide or nitrile of addition polymer
- 2 118/724 (1 OR, 1 XR)  
 Class 118 : COATING APPARATUS  
 118/715 GAS OR VAPOR DEPOSITION  
 118/722 .With treating means (e.g., jarring)  
 118/724 ..By means to heat or cool
- 2 156/86 (0 OR, 2 XR)  
 Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL  
 MANUFACTURE  
 156/1 METHODS  
 156/60 .Surface bonding and/or assembly therefor  
 156/84 ..With shrinking of material of lamina  
 156/85 ...Subsequent to assembly of laminae  
 156/86 ....Of lamina covering cylindrical or spherical  
 body
- 2 264/103 (1 OR, 1 XR)  
 Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
 TREATING: PROCESSES  
 264/103 WITH TWINING, PLYING, BRAIDING, OR TEXTILE  
 FABRIC FORMATION
- 2 264/211.12 (0 OR, 2 XR)  
 Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
 TREATING: PROCESSES  
 264/165 FORMING CONTINUOUS OR INDEFINITE LENGTH WORK  
 264/176.1 .Shaping by extrusion  
 264/211.12 ..Processing or treatment after extrusion
- 2 264/342R (1 OR, 1 XR)  
 Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
 TREATING: PROCESSES  
 264/340 TREATING SHAPED OR SOLID ARTICLE  
 264/342R .To shrink
- 2 266/252 (1 OR, 1 XR)  
 Class 266 : METALLURGICAL APPARATUS  
 266/249 MEANS TREATING SOLID METAL  
 266/251 .By contact with gas  
 266/252 ..With heating means
- 2 427/393.5 (0 OR, 2 XR)  
 Class 427 : COATING PROCESSES  
 427/331 WITH POST-TREATMENT OF COATING OR COATING  
 MATERIAL  
 427/372.2 .Heating or drying (e.g., polymerizing,  
 vulcanizing, curing, etc.)  
 427/384 ..Organic coating  
 427/385.5 ...Resin, resin precursor, rubber, or  
 hardenable oil-containing coating  
 427/393.5 ....Resin, rubber, or elastomer base
- 2 428/216 (2 OR, 0 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,  
 OVERALL DIMENSION, ETC.)  
 428/212 .Including components having same physical

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- characteristic in differing degree
- 428/213 ..Thickness (relative or absolute)
- 428/215 ...Absolute thicknesses specified
- 428/216 ....No layer or component greater than 5 mils thick
- 2 428/336 (0 OR, 2 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED ELEMENT OR COMPONENT
- 428/332 .Physical dimension specified
- 428/334 ..Coating layer not in excess of 5 mils thick or equivalent
- 428/335 ...Up to 3 mils
- 428/336 ....1 mil or less
- 2 428/344 (0 OR, 2 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED ELEMENT OR COMPONENT
- 428/343 .Adhesive outermost layer
- 428/344 ..Next to metal
- 2 428/416 (0 OR, 2 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
- 428/413 .Of epoxy ether
- 428/414 ..As intermediate layer
- 428/416 ...Next to metal
- 2 428/500 (0 OR, 2 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
- 428/500 .Of addition polymer from unsaturated monomers
- 2 428/518 (0 OR, 2 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
- 428/500 .Of addition polymer from unsaturated monomers
- 428/515 ..Next to second addition polymer from unsaturated monomers
- 428/516 ...Monoolefin polymer
- 428/518 ....Next to vinyl or vinylidene chloride polymer
- 2 428/910 (0 OR, 2 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/910 PRODUCT WITH MOLECULAR ORIENTATION
- 2 428/914 (0 OR, 2 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/914 TRANSFER OR DECALCOMANIA